

Title (en)
Internal gear pump

Title (de)
Innenzahnradpumpe

Title (fr)
Pompe à engrenages internes

Publication
EP 2078860 B1 20150930 (DE)

Application
EP 08105827 A 20081119

Priority
DE 102008003843 A 20080110

Abstract (en)
[origin: EP2078860A2] The device (10) has a hollow wheel (14) and a gear wheel (16) meshing with each other, where the gear wheel is accommodated at a driveshaft (15) around an axis. The driveshaft runs in an eccentricity to an axis of the hollow wheel, and the hollow wheel and gear wheel are accommodated in a housing (11). The housing is formed in two-parts, and has a pump housing (13) supported in a carrier housing (12) in a clearance free manner. The pump housing is axially formed between the carrier housing and a pump cover (17), and is made of plastic or aluminum die casting.

IPC 8 full level
F04C 2/10 (2006.01); **F01C 21/10** (2006.01); **F04C 2/08** (2006.01)

CPC (source: EP)
F04C 2/086 (2013.01); **F04C 2/101** (2013.01); **F04C 2230/21** (2013.01); **F04C 2230/22** (2013.01); **F04C 2240/51** (2013.01); **F04C 2270/17** (2013.01); **F05C 2201/021** (2013.01); **F05C 2225/00** (2013.01); **F05C 2251/04** (2013.01)

Cited by
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Designated contracting state (EPC)
DE FR IT

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EP 2078860 A2 20090715; **EP 2078860 A3 20140528**; **EP 2078860 B1 20150930**; CN 101482112 A 20090715; CN 101482112 B 20141105; DE 102008003843 A1 20090716

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